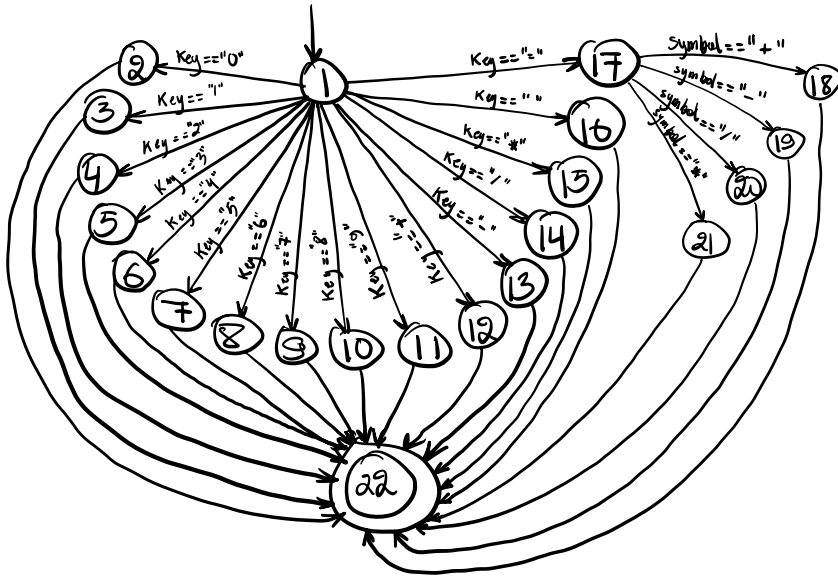


Step 1:



Step 2:

$TR = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22\}$   
 $Test\ Path = \{[1, 2, 22], [1, 3, 22], [1, 4, 22], [1, 5, 22], [1, 6, 22], [1, 7, 22], [1, 8, 22], [1, 9, 22], [1, 10, 22], [1, 11, 22], [1, 12, 22], [1, 13, 22], [1, 14, 22], [1, 15, 22], [1, 16, 22], [1, 17, 18, 22], [1, 17, 19, 22], [1, 17, 20, 22], [1, 17, 21, 22]\}$

Step 3:

$TR = \{[1, 2], [1, 3], [1, 4], [1, 5], [1, 6], [1, 7], [1, 8], [1, 9], [1, 10], [1, 11], [1, 12], [1, 13], [1, 14], [1, 15], [1, 16], [1, 17], [1, 18], [1, 19], [1, 20], [1, 21], [2, 22], [3, 22], [4, 22], [5, 22], [6, 22], [7, 22], [8, 22], [9, 22], [10, 22], [11, 22], [12, 22], [13, 22], [14, 22], [15, 22], [16, 22], [17, 22], [18, 22], [19, 22], [20, 22], [21, 22]\}$   
 $Test\ Path = \{[1, 2, 22], [1, 3, 22], [1, 4, 22], [1, 5, 22], [1, 6, 22], [1, 7, 22], [1, 8, 22], [1, 9, 22], [1, 10, 22], [1, 11, 22], [1, 12, 22], [1, 13, 22], [1, 14, 22], [1, 15, 22], [1, 16, 22], [1, 17, 18, 22], [1, 17, 19, 22], [1, 17, 20, 22], [1, 17, 21, 22]\}$

Step 4:

$TR = \{[1, 2, 22], [1, 3, 22], [1, 4, 22], [1, 5, 22], [1, 6, 22], [1, 7, 22], [1, 8, 22], [1, 9, 22], [1, 10, 22], [1, 11, 22], [1, 12, 22], [1, 13, 22], [1, 14, 22], [1, 15, 22], [1, 16, 22], [1, 17, 18], [1, 17, 19], [1, 17, 20], [1, 17, 21], [1, 17, 18, 22], [1, 17, 19, 22], [1, 17, 20, 22], [1, 17, 21, 22]\}$   
 $Test\ Path = \{[1, 2, 22], [1, 3, 22], [1, 4, 22], [1, 5, 22], [1, 6, 22], [1, 7, 22], [1, 8, 22], [1, 9, 22], [1, 10, 22], [1, 11, 22], [1, 12, 22], [1, 13, 22], [1, 14, 22], [1, 15, 22], [1, 16, 22], [1, 17, 18, 22], [1, 17, 19, 22], [1, 17, 20, 22], [1, 17, 21, 22]\}$

Step 5:

